

Scaleable Object Recognition with a Belief Model

Abstract of the Invention

An exemplary embodiment of the present invention is directed to a system, method and computer program product for providing an object recognition blackboard system architecture. The system for recognizing objects in content can include: a blackboard comprising a plurality of experts, and data comprising original input data and data created by processing of any of the plurality of experts, and a controller operative to control the experts; a belief model, coupled to the controller, comprising a set of beliefs and probabilities associated with each belief of the set of beliefs; a belief network, coupled to the controller; and a relations subsystem, coupled to the controller.

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